Section 1. Registration Information

Source Identification

Facility Name:	Kinder Morgan Carteret Facility
Parent Company #1 Name:	Kinder Morgan Liquids Terminals, LLC
Parent Company #2 Name:	

Submission and Acceptance

Submission Type:	Re-submission
Subsequent RMP Submission Reason:	5-year update (40 CFR 68.190(b)(1))
Description:	
Receipt Date:	29-Jun-2020
Postmark Date:	29-Jun-2020
Next Due Date:	29-Jun-2025
Completeness Check Date:	07-Jun-2021
Complete RMP:	Yes
De-Registration / Closed Reason:	
De-Registration / Closed Reason Other Text:	
De-Registered / Closed Date:	
De-Registered / Closed Effective Date:	
Certification Received:	Yes

Facility Identification

EPA Facility Identifier:	1000 0011 6796
Other EPA Systems Facility ID:	
Facility Registry System ID:	

Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	106242571
Parent Company #1 DUNS:	35123850
Parent Company #2 DUNS:	35123850

Facility Location Address

Street 1:	78 Lafayette Street
Street 2:	
City:	Carteret
State:	NEW JERSEY
ZIP:	07008
ZIP4:	
County:	MIDDLESEX

Facility Latitude and Longitude

Latitude (decimal):	40.589553
Longitude (decimal):	-074.209985
Lat/Long Method:	Interpolation - Photo
Lat/Long Description:	Process Unit
Horizontal Accuracy Measure:	25
Horizontal Reference Datum Name:	North American Datum of 1983
Source Map Scale Number:	24000

Owner or Operator

Operator Name:	Kinder Morgan Liquids Terminals LLC
Operator Phone:	(732) 541-5161

Mailing Address

Operator Street 1:	78 Lafayette Street
Operator Street 2:	
Operator City:	Carteret
Operator State:	NEW JERSEY
Operator ZIP:	07008
Operator ZIP4:	
Operator Foreign State or Province:	
Operator Foreign ZIP:	
Operator Foreign Country:	

Name and title of person or position responsible for Part 68 (RMP) Implementation

RMP Name of Person:	Brian Whitaker
RMP Title of Person or Position:	EHS Manager
RMP E-mail Address:	Brian_whitaker@kindermorgan.com

Emergency Contact

Emergency Contact Name:	Brian Whitaker
Emergency Contact Title:	EHS Manager
Emergency Contact Phone:	(732) 541-5161
Emergency Contact 24-Hour Phone:	(732) 289-0830
Emergency Contact Ext. or PIN:	
Emergency Contact E-mail Address:	Brian_whitaker@kindermorgan.com

Other Points of Contact

Facility or Parent Company E-mail Address:	
Facility Public Contact Phone:	(732) 541-5161
Facility or Parent Company WWW Homepage Address:	www.Kindermorgan.com

Local Emergency Planning Committee

LEPC:	Carteret Boro LEPC

Full Time Equivalent Employees

Number of Full Time Employees (FTE) on Site:	170
FTE Claimed as CBI:	

Covered By

OSHA PSM :	
EPCRA 302 :	Yes
CAA Title V:	Yes

Air Operating Permit ID:	18010

OSHA Ranking

OSHA Star or Merit Ranking:	

Last Safety Inspection

Last Safety Inspection (By an External Agency) Date:	05-Apr-2020
Last Safety Inspection Performed By an External Agency:	State environmental agency

Predictive Filing

Did this RMP involve predictive filing?:	

Preparer Information

Preparer Name:	Larry Aleksandrich
Preparer Phone:	(908) 672-2514
Preparer Street 1:	33 Monroe Avenue
Preparer Street 2:	
Preparer City:	Carteret
Preparer State:	NEW JERSEY
Preparer ZIP:	07008
Preparer ZIP4:	1808
Preparer Foreign State:	
Preparer Foreign Country:	
Preparer Foreign ZIP:	

Confidential Business Information (CBI)

CBI Claimed:	
Substantiation Provided:	
Unsanitized RMP Provided:	

Reportable Accidents

Reportable Accidents:	See Section 6. Accident History below to determine if there were any accidents reported for this RMP.

Process Chemicals

Process ID:	1000110081
Description:	Tks 10-16, 10-18,railcars
Process Chemical ID:	1000137454
Program Level:	Program Level 3 process
Chemical Name:	Vinyl acetate monomer [Acetic acid ethenyl ester]
CAS Number:	108-05-4
Quantity (lbs):	8544034
CBI Claimed:	
Flammable/Toxic:	Toxic

Process NAICS

Process ID:	1000110081
Process NAICS ID:	1000111356
Program Level:	Program Level 3 process
NAICS Code:	49319
NAICS Description:	Other Warehousing and Storage

Section 2. Toxics: Worst Case

Toxic Worst ID: 1000088551

Percent Weight:	100.0
Physical State:	Liquid
Model Used:	EPA's RMP*Comp(TM)
Release Duration (mins):	5840
Wind Speed (m/sec):	1.5
Atmospheric Stability Class:	F
Topography:	Urban

Passive Mitigation Considered

Dikes:	Yes
Enclosures:	
Berms:	
Drains:	Yes
Sumps:	
Other Type:	

Section 3. Toxics: Alternative Release

Toxic Alter ID: 1000094223

Percent Weight:	
Physical State:	Liquid
Model Used:	EPA's RMP*Comp(TM)
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Urban

Passive Mitigation Considered

Dikes:	Yes
Enclosures:	
Berms:	
Drains:	Yes
Sumps:	
Other Type:	

Active Mitigation Considered

Sprinkler System:	
Deluge System:	Yes
Water Curtain:	
Neutralization:	
Excess Flow Valve:	
Flares:	
Scrubbers:	
Emergency Shutdown:	Yes
Other Type:	Water Monitors,Foam systems for fire/vapor suppression. LEL detection at tanks

Section 4. Flammables: Worst Case

No records found.

Section 5. Flammables: Alternative Release

No records found.

Section 6. Accident History

No records found.

Section 7. Program Level 3

Description

No description available.

Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID:	1000116857
Chemical Name:	Vinyl acetate monomer [Acetic acid ethenyl ester]
Flammable/Toxic:	Toxic
CAS Number:	108-05-4

Process ID:	1000110081
Description:	Tks 10-16, 10-18,railcars
Prevention Program Level 3 ID:	1000093619
NAICS Code:	49319

Safety Information

Safety Review Date (The date on which the safety information was last reviewed or revised):	01-Apr-2020

Process Hazard Analysis (PHA)

PHA Completion Date (Date of last PHA or PHA update):	01-Apr-2020

The Technique Used

What If:	
Checklist:	
What If/Checklist:	
HAZOP:	Yes
Failure Mode and Effects Analysis:	
Fault Tree Analysis:	
Other Technique Used:	
PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):	01-Apr-2024

Major Hazards Identified

Toxic Release:	Yes
Fire:	Yes
Explosion:	Yes
Runaway Reaction:	
Polymerization:	Yes
Overpressurization:	Yes
Corrosion:	Yes
Overfilling:	Yes
Contamination:	
Equipment Failure:	Yes
Loss of Cooling, Heating, Electricity, Instrument Air:	Yes

Earthquake:	Yes
Floods (Flood Plain):	Yes
Tornado:	Yes
Hurricanes:	Yes
Other Major Hazard Identified:	

Process Controls in Use

Vents:	Yes
Relief Valves:	Yes
Check Valves:	Yes
Scrubbers:	
Flares:	
Manual Shutoffs:	Yes
Automatic Shutoffs:	Yes
Interlocks:	Yes
Alarms and Procedures:	Yes
Keyed Bypass:	
Emergency Air Supply:	
Emergency Power:	
Backup Pump:	
Grounding Equipment:	Yes
Inhibitor Addition:	Yes
Rupture Disks:	
Excess Flow Device:	
Quench System:	
Purge System:	
None:	
Other Process Control in Use:	VAM Flammable Detectors and Vapor Destruction Unit

Mitigation Systems in Use

Sprinkler System:	
Dikes:	Yes
Fire Walls:	
Blast Walls:	
Deluge System:	Yes
Water Curtain:	
Enclosure:	
Neutralization:	
None:	
Other Mitigation System in Use:	

Monitoring/Detection Systems in Use

Process Area Detectors:	Yes
Perimeter Monitors:	
None:	
Other Monitoring/Detection System in Use:	

Changes Since Last PHA Update

Reduction in Chemical Inventory:	
Increase in Chemical Inventory:	

Change Process Parameters:	
Installation of Process Controls:	
Installation of Process Detection Systems:	
Installation of Perimeter Monitoring Systems:	
Installation of Mitigation Systems:	
None Recommended:	
None:	Yes
Other Changes Since Last PHA or PHA Update:	

Review of Operating Procedures

Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures):	11-Jun-2020

Training

Training Revision Date (The date of the most recent review or revision of training programs):	05-May-2020

The Type of Training Provided

Classroom:	Yes
On the Job:	Yes
Other Training:	

The Type of Competency Testing Used

Written Tests:	Yes
Oral Tests:	
Demonstration:	
Observation:	
Other Type of Competency Testing Used:	

Maintenance

Maintenance Procedures Revision Date (The date of the most recent review or revision of maintenance procedures):	10-Jun-2020
Equipment Inspection Date (The date of the most recent equipment inspection or test):	20-Apr-2020
Equipment Tested (Equipment most recently inspected or tested):	VAM flammable detectors

Management of Change

Change Management Date (The date of the most recent change that triggered management of change procedures):	08-Jun-2020
Change Management Revision Date (The date of the most recent review or revision of management of change procedures):	04-Apr-2018

Pre-Startup Review

Pre-Startup Review Date (The date of the most recent pre-startup review):	23-Sep-2019

Compliance Audits

Compliance Audit Date (The date of the most recent compliance audit):	30-Jan-2020
Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit):	30-Jan-2021

Incident Investigation

Incident Investigation Date (The date of the most recent incident investigation (if any)):	
Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation):	

Employee Participation Plans

Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans):	11-Mar-2015

Hot Work Permit Procedures

Hot Work permit Review Date (The date of the most recent review or revision of hot work permit procedures):	08-Jun-2017

Contractor Safety Procedures

Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures):	01-Mar-2016
Contractor Safety Performance Evaluation Date (The date of the most recent review or revision of contractor safety performance):	28-Jan-2020

Confidential Business Information

CBI Claimed:	

Section 8. Program Level 2

No records found.

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):	Yes
Facility Plan (Does facility have its own written emergency response plan?):	Yes
Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):	Yes
Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):	Yes
Healthcare (Does facility's ER plan include information on emergency health care?):	Yes

Emergency Response Review

Review Date (Date of most recent review or update of facility's ER plan):	07-Jun-2021

Emergency Response Training

Training Date (Date of most recent review or update of facility's employees):	25-Mar-2021

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):	Carteret Fire Department
Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):	(732) 541-8000

Subject to

OSHA Regulations at 29 CFR 1910.38:	Yes
OSHA Regulations at 29 CFR 1910.120:	Yes
Clean Water Regulations at 40 CFR 112:	Yes
RCRA Regulations at CFR 264, 265, and 279.52:	Yes
OPA 90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, or 30 CFR 254:	Yes
State EPCRA Rules or Laws:	Yes
Other (Specify):	

Executive Summary

Executive Summary

1. Accidental release prevention and emergency response policies:

In this Kinder Morgan Liquids Terminals, LLC (Kinder Morgan) distribution facility, we handle Vinyl Acetate Monomer (VAM), which is considered hazardous by EPA. The same properties that makes VAM valuable as a commodity also makes it necessary to observe certain safety precautions in handling VAM to prevent unnecessary human exposure, to reduce the threat to our own personal health, as well as our co-workers and to reduce the threat to nearby members of the community. It is our policy to adhere to all applicable Federal and State rules and regulations. Safety depends upon the manner in which we handle VAM combined with the safety devices inherent in the design of this facility combined with the safe handling procedures that we use and the training of our personnel.

Our emergency response program is based upon the EPA, Coast Guard, DOT, OSHA and LEPC requirements. The emergency response plan includes procedures for notification of the local fire authority and notification of any potentially affected neighbors.

2. The stationary source and regulated substances handled:

* The primary purpose of this facility is to temporarily store, break bulk, and distribute VAM to both retail and wholesale customers. VAM is used as a raw material for manufacturing polyvinyl resins, such as those used in latex paints, paper coating, adhesives, textile finishing and safety glass inter-layers.VAM is received by ship and stored in storage tanks throughout the Terminal. This facility has equipment for unloading ships, barges, rail cars and tank trucks. Access to the site is restricted to authorized facility employees, authorized management personnel and authorized contractors.

* The regulated substance handled at this distribution facility is VAM.

3. The general accidental release prevention program and the specific prevention steps.

This facility complies with EPA's Accidental Release Prevention Rule and with all applicable State codes and regulations. This facility was designed and constructed in accordance with applicable API and NFPA standards. All of our affected employees have been thoroughly trained in accordance with 40 CFR 68.

4. Five-Year accident history:

There have been no releases of Vinyl Acetate Monomer (VAM) in the past five years that have had an adverse impact on the community.

5. The Emergency Response Program:

This facility's Emergency Response Program is based upon the requirements of the Environmental Protection Agency, United States Coast Guard, Department of Transportation, Occupational Safety and health Administration and Local Emergency Planning Commission. The Emergency Response Plan includes procedures for notification of the local fire and police authorities and notification of any potentially affected neighbors. This plan has been submitted to and approved by the respective regulatory agencies and is reviewed on an annual basis. The facility is subject to regular annual inspections by each of the aforementioned governmental agencies.

Additionally, to ensure that employees are adequately trained and prepared to respond to emergencies, they receive training in Hazardous Waste Operations and Emergency Response (HAZWOPER), Emergency Action and Fire Prevention, Accidental Release Prevention, Environmental Awareness, and Terminal Safety Systems. Employees also attend fire school and HAZWOPER refresher training.

Finally, the facility prepares for emergencies by conducting evacuation drills; annual drill exercises, and participates in area-wide drills that are conducted by governmental agencies.

6. Planned Changes to Improve Safety:

This facility complies with applicable governmental and industry standards. Kinder Morgan has a commitment to continuous improvement of our safety program. As such, periodic reviews of the affected programs will be conducted.